

<b>INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449)</b> (Substitute)			Docket No.: D/A1175/690-011188      Serial No.:  Applicant(s): M. H. Lean et al.  Filing Date: Herewith      Group:			
<b>U.S. PATENTS</b>						
Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
GM	2,573,143	10/30/51	Carlyle W. Jacob	178	5.2	
GM	2,577,894	12/11/51	Carlyle W. Jacob	346	75	
GM	3,152,858	10/13/64	Wadey	346	75	
GM	3,572,591 ✓	3/30/71	Richard J. Brown	239	337	
GM	3,977,323	8/31/76	Pressman et al.	101	426	
GM	3,997,113	12/14/76	Pennebaker, Jr.	239	15	
GM	4,019,188	4/19/77	Hochberg et al.	347	75	
GM	4,106,032	8/8/78	Miura et al.	346	140 R	
GM	4,113,598	9/12/78	Jozwiak, Jr., et al.	204	181 R	
GM	4,146,900	3/27/79	Arnold	346	75	
<b>U.S. PATENT PUBLICATIONS</b>						
Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date
<b>FOREIGN PATENT DOCUMENTS</b>						
Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a	
GM	0 655 337 A2 ✓	11/25/94	EP	Ando et al.	Y	
GM	0 726 158 A1 ✓	8/14/96	EP	C. Kaisha	Y	
	02-293151 ✓	12/4/90	JP	Ricoh Co. Ltd.	Y	
	4-158044 ✓	6/1/92	JP	Hoya Corp.	Y	
	4-182138 ✓	6/29/92	JP	Seiko-Epson Corp.	Y	
	5-193140 ✓	8/3/93	JP	Seiko-Epson Corp.	Y	
	5-269995 ✓	10/19/93	JP	Tokyo Electric Co. Ltd.	Y	
<b>OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)</b>						
GM	Anger, F., Jr. et al. "Low Surface Energy FluoroEpoxy Coating for Drop-on-Demand Nozzles," IBM Technical Disclosure Bulletin, vol. 26, No. 1, P. 431, June 1983.					
GM	Author Unknown, "Array Printers Demonstrates First Color Printer Engine", The Hard Copy Observer Published by Lyra Research, Inc., vol. V111, No. 4, p. 36, April 1998					
GM	Fuchs, N.A. "The Mechanics of Aerosols", Dover Publications, Inc. p. 79, 367-377, 1989 (Originally published in 1964 by Pergamon Press Ltd.).					
GM	Le, Hue et al. "Air-Assisted Ink Jet with Mesa-Shaped Ink-Drop-Forming Orifice", Presented at the Fairmont Hotel in Chicago and San Jose, Fall 1987, p. 223-227.					
	<del>U.S. Application No. 08/670,734 entitled "Flexible Donor Belt Employing a DC Traveling Wave", filed 6/24/96.</del>					
GM	U.S. Application No. 09/041,353, entitled "Coated Photographic Papers", McAneney et al. filed 3/12/98.					
Examiner's Signature: <i>Jeffrey Mark</i>				Date Considered: <i>2/9/2005</i>		
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<b>U.S. PATENTS</b>						
Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
GM	4,171,777	10/23/79	Hans Behr	239	422	
GM	4,189,937	2/26/80	Philip A. Nelson	73	28	
GM	4,196,437	4/1/80	Hertz	346	1.1	
GM	4,223,324	9/16/80	Yamamori et al.	346	140R	
GM	4,271,100	6/21/81	Christian Trassy	261	78A	
GM	4,284,418	8/18/81	Ronald P. Andres	55	16	
GM	4,368,850	1/18/83	George Szekely	239	333	
GM	4,403,228	9/6/83	Miura et al.	346	75	
GM	4,403,234	9/6/83	Miura et al.	346	140R	
GM	4,480,259	10/30/84	Kruger et al.	346	140R	
<b>U.S. PATENT PUBLICATIONS</b>						
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<b>FOREIGN PATENT DOCUMENTS</b>						
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	53-35539 ✓	4/3/78	JP	Ricoh Co. Ltd.	Y	
	5-4348 ✓	1/14/93	JP	Canon Inc.	Y	
	55-19556 ✓	2/12/80	JP	Ricoh Co. Ltd.	Y	
	55-28819 ✓	2/29/80	JP	Ricoh Co. Ltd.	Y	
	56-146773 ✓	11/14/81	JP	Mitsubishi Electric Corp.	Y	
	57192027A ✓	11/26/82	JP	Matsushita Electric Inc. Co.	Y	
<b>OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)</b>						
GM	U.S. Application No. 09/407,908, entitled "Ballistic Aerosol Marking Apparatus with Stacked Electrode Structure", filed 9/29/99.					
GM	U.S. Application No. 09/410,371, entitled "Ballistic Aerosol Marking Apparatus with Non-wetting Coating", filed 9/30/99.					
GM	U.S. Application No. 09/163,839, entitled "Ballistic Aerosol Marking Apparatus for Marking a Substrate", filed 9/30/98. ✓					
GM	U.S. Application No. 09/164,124, entitled "Method of Marking a Substrate Employing a ballistic Aerosol Marking Apparatus", filed 9/30/98.					
GM	U.S. Application No. 09/164,250, entitled "Ballistic Aerosol Marking Apparatus for Treating a Substrate", filed 9/30/98.					
GM	U.S. Application No. 09/163,808 entitled "Method of Treating a Substrate Employing a Ballistic Aerosol Marking Apparatus", filed 9/30/98.					
Examiner's Signature: <i>[Signature]</i>				Date Considered: 2/9/2005		
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Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
GM	4,490,728	12/25/84	Vaught et al.	346	1.1	
GM	4,500,895	2/19/85	Buck et al.	346	140 R	
GM	4,514,742	4/30/85	Suga et al.	346	140R	
GM	4,515,105	5/7/85	Danta et al.	118	629	
GM	4,544,617	10/1/85	Mort et al.	430	58	
GM	4,606,501	8/19/86	Bate et al.	239	346	
GM	4,607,267	8/19/86	Yamamuro	346	140 R	
GM	4,613,875	9/23/86	Le et al.	346	140 R	
GM	4,614,953	9/30/86	Lapeyre	346	140R	
GM	4,634,647	1/6/87	Jansen et al.	430	84	
<b>U.S. PATENT PUBLICATIONS</b>						
Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date
<b>FOREIGN PATENT DOCUMENTS</b>						
Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a	
	58-224760 ✓	12/27/83	JP	Canon K.K.	Y	
	60-229764 ✓	11/15/85	JP	Citizen Tekei KK	Y	
	62-35847 ✓	2/16/87	JP	Seiko-Epson Corp.	Y	
GM	WO93/11866 ✓	6/24/93	PCT	Research Laboratories of Australia PTY.LTD.	Y	
GM	WO94/18011 ✓	8/18/94	PCT	Tonejet Corporation PTY.LTD	Y	
GM	WO97/01449 ✓	1/16/97	PCT	Ilford A.G. et al.	Y	
<b>OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)</b>						
GM	U.S. Application No. 09/163,765, entitled "Cartridge for Use in a Ballistic Aerosol Marking Apparatus, Filed 9/30/98.					
GM	U.S. Application No. 09/163,839, entitled "Marking Material Transport", filed 9/30/98.					
GM	U.S. Application No. 09/163,954, entitled "Ballistic Aerosol Marking Apparatus for Marking with a Liquid Material", filed 9/30/98.					
GM	U.S. Application No. 09/163,924, entitled "Method for Marking with a Liquid Material Using a Ballistic Aerosol Marking Apparatus, filed 9/30/98.					
GM	U.S. Application No. 09/163,799, entitled "Method of Making a Print Head for Use in a Ballistic Aerosol Marking Apparatus" filed 9/30/98.					
GM	U.S. Application No. 09/163,664, entitled "Organic Overcoat for Electrode Grid", filed 9/30/98.					
	<del>U.S. Application No. 09/163,518, entitled "Inorganic Overcoat for Particulate Transport Electrode-Grid", filed 9/30/98.</del>					
Examiner's Signature: <i>Jeffrey Mark</i>				Date Considered: 2/9/2005		
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<b>U.S. PATENTS</b>						
Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
GM	4,647,179	3/3/87	Schmidlin	355	3DD	
GM	4,663,258	5/5/87	Pai et al.	430	57	
GM	4,666,806	5/19/87	Pai et al.	430	57	
GM	4,683,481	7/28/87	Samuel A. Johnson	346	140R	
GM	4,720,444	1/19/87	Chen	430	58	
GM	4,728,969	3/1/88	Le et al.	346	140R	
GM	4,741,930	5/3/88	Howard et al.	427	265	
GM	4,760,005	7/26/88	Pai	430	65	
GM	4,770,963	9/13/88	Pai et al.	430	64	
GM	4,791,046	12/13/88	Ogura	430	296	
<b>U.S. PATENT PUBLICATIONS</b>						
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<b>FOREIGN PATENT DOCUMENTS</b>						
Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a	
GM	WO 97/27058 ✓	7/31/97	PCT	Tonejet Corporation PTY.LTD	Y	
<b>OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)</b>						
GM	U.S. Application No. 09/164,104, entitled "Kinetic Fusing of a Marking Material", filed 9/30/98					
GM	U.S. Application No. 09/163,825, entitled "Multi-Layer Organic Overcoat for Electrode Grid", filed 9/30/98					
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Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
GM	4,839,232	6/13/89	Morita et al.	428	473.5	
GM	4,839,666	6/13/89	Jayne	346	75	
GM	4,870,430	9/26/89	Daggett et al.	346	140R	
GM	4,882,245	11/21/89	Gelorme et al.	430	14	
GM	4,896,174	1/23/90	Richard G. Stearns	346	459	
GM	4,929,968	5/29/90	Ishikawa	346	140R	
GM	4,961,966	10/9/90	Stevens et al.	427	299	
GM	4,973,379	11/27/90	Brock et al.	156	640	
GM	4,982,200	1/1/91	Ramsay	346	75	
GM	5,030,536	7/9/91	Pai et al.	430	127	
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Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
GM	5,041,849	8/20/91	Quate et al.	346	140R	
GM	5,045,870	9/3/91	Lamey et al.	346	140R	
GM	5,063,655	11/12/91	Lamey et al.	29	611	
GM	5,066,512	11/19/91	Goldowsky et al.	427	14.1	
GM	5,113,198	5/12/92	Nishikawa et al.	346	1.1	
GM	5,190,817	3/2/93	Terrell et al.	428	343	
GM	5,202,704	4/13/93	Naoto Isao	346	140R	
GM	5,208,630	5/14/93	Goodbrand et al.	355	201	
GM	5,209,998	5/11/93	Kavassalis et al.	430	106	
GM	5,240,153	8/31/93	Tubaki et al.	222	385	
<b>U.S. PATENT PUBLICATIONS</b>						
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**U.S. PATENTS**

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
GM	5,240,842	8/31/93	Laurens J. Mets	435	172.3	
GM	5,294,946	3/15/94	Gandy et al.	346	140 R	
GM	5,300,339	4/5/94	Hays et al.	428	36.9	
GM	5,350,616	9/27/94	Pan et al.	428	131	
GM	5,385,803	1/31/95	Duff et al.	430	138	
GM	5,397,664	3/14/95	Noelscher et al.	430	5	
GM	5,403,617	4/4/95	Haaland	427	180	
GM	5,425,802	6/20/95	Burton et al.	95	32	
GM	5,426,458	6/20/95	Wenzel et al.	347	45	
GM	5,428,381	6/27/95	Hadimioglu et al.	347	46	

**U.S. PATENT PUBLICATIONS**

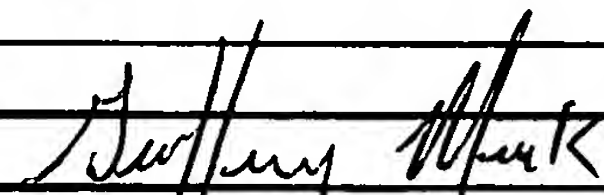
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<b>U.S. PATENTS</b>						
Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
GM	5,482,587	1/9/96	McAleavey	156	243	
GM	5,491,047	2/13/96	Kim et al.	430	329	
GM	5,510,817	4/23/96	Sohn	347	21	
GM	5,512,712	4/30/96	Iwata et al.	174	258	
GM	5,520,715	5/28/96	Richard C. Oeftering	75	335	
GM	5,522,555	6/4/96	Trent A. Poole	241	33	
GM	5,535,494	7/16/96	Plesinger et al.	29	25.35	
GM	5,541,625	6/30/96	Holstun et al.	347	5	
GM	5,554,480	9/10/96	Patel et al.	430	137	
GM	5,600,351	2/4/97	Holstun et al.	347	40	
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GM	5,604,519	2/18/97	Keefe et al.	347	13	
GM	5,635,969	6/3/97	Allen	347	96	
GM	5,640,187	6/17/97	Kashiwazaki et al.	347	101	
GM	5,646,656	7/8/97	Leonhardt et al.	347	43	
GM	5,654,744	8/5/97	Nicoloff, Jr. et al.	347	43	
GM	5,678,133	10/14/97	Robert P. Siegel	399	67	
GM	5,682,190	10/28/97	Hirosawa et al.	347	94	
GM	5,712,669	1/27/98	Swanson et al.	347	49	
GM	5,731,048	3/24/98	Ashe et al.	427	585	
GM	5,756,190	5/26/98	Hosomi et al.	428	209	
GM	5,717,986	2/10/98	Vo et al.	399	291	
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GM	5,761,783	6/9/98	Osawa et al.	29	25.35	
GM	5,777,636	7/7/98	Naganuma et al.	347	10	
GM	5,780,187	7/14/98	Pierrat	430	5	
GM	5,787,558	8/4/98	Murphy	29	25.35	
GM	5,818,477	10/6/98	Fullmer et al.	347	43	
GM	5,853,906	12/29/98	Hsieh	428	690	
GM	5,882,830	3/16/99	Visser et al.	430	59	
GM	5,893,015	4/6/99	Mojarradi et al.	399	291	
GM	5,900,898	5/4/99	Shimizu et al.	347	93	
GM	5,958,122	9/28/99	Fukuda et al.	106	31.57	
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GM	5,967,044	10/19/99	Marschke	101	363	
GM	5,968,674	10/19/99	Hsieh et al.	428	690	
GM	5,969,733	10/19/99	Sheinman	347	75	
GM	5,981,043	11/9/99	Murakami et al.	428	209	
GM	4,982,404	11/9/99	Iga et al.	347	173	
GM	5,990,197	11/23/99	Escano et al.	523	160	
GM	5,992,978	11/30/99	Fujii et al.	347	54	
GM	6,019,466	2/1/00	Hermanson	347	104	
GM	6,036,295	3/14/00	Ando et al.	347	7	
GM	6,081,281	6/27/00	Cleary et al.	347	21	
GM	6,116,718	9/12/00	Peeters et al.	347	21	

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